

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096706.D
 Acq On : 12 Jul 2017 21:59
 Operator : SJ/JU
 Sample : I4140-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 01:06:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

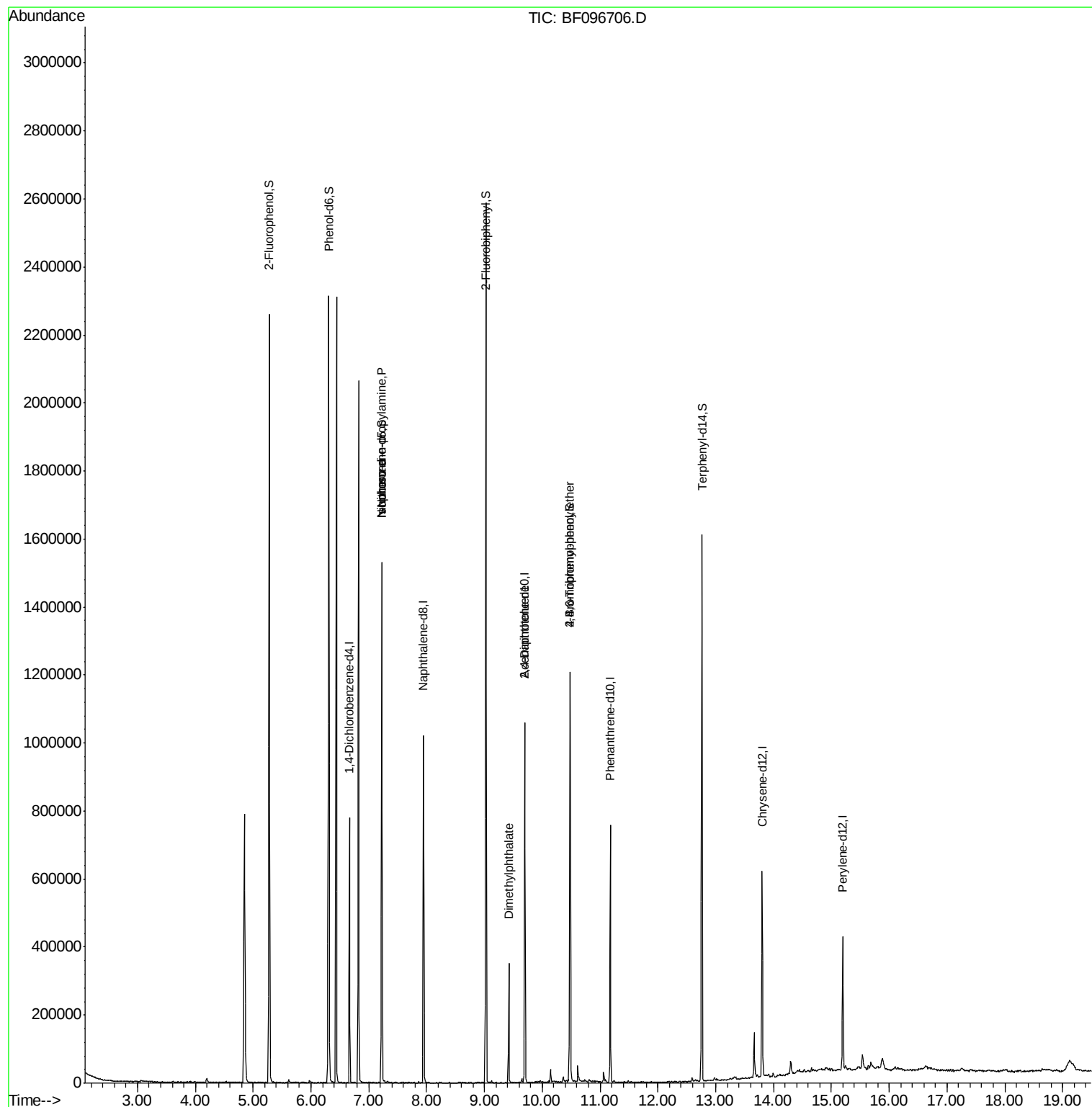
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	114330	20.00	ng	-0.04
21) Naphthalene-d8	7.95	136	482645	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	196506	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	253277	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	187993	20.00	ng	-0.04
86) Perylene-d12	15.20	264	157358	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	632332	81.63	ng	-0.03
7) Phenol-d6	6.31	99	801383	84.15	ng	-0.04
23) Nitrobenzene-d5	7.23	82	461685	57.48	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	137361	89.49	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	818123	71.18	ng	-0.04
78) Terphenyl-d14	12.76	244	479229	54.47	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.23	70	59110	10.42	ng	# 87
25) Isophorone	7.23	82	457388	29.37	ng	# 67
49) Dimethylphthalate	9.42	163	140301	9.56	ng	98
56) 2,4-Dinitrotoluene	9.70	165	25564	6.22	ng	# 33
66) 4-Bromophenyl-phenylether	10.49	248	8650	3.51	ng	# 1

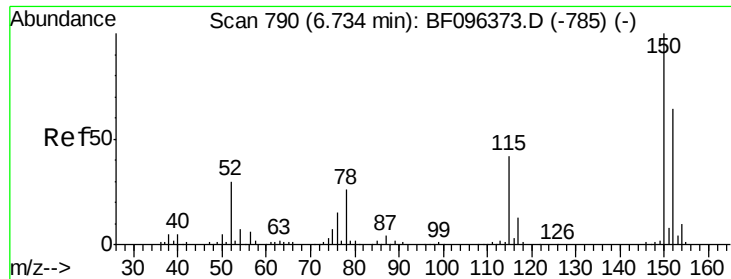
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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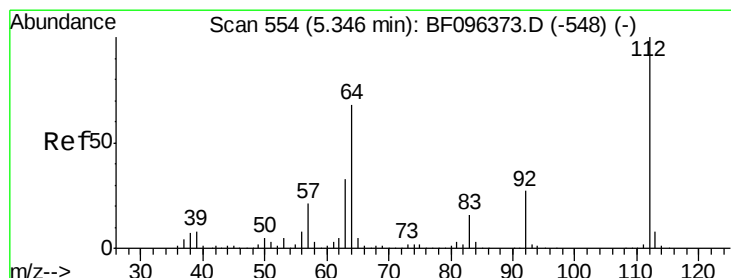
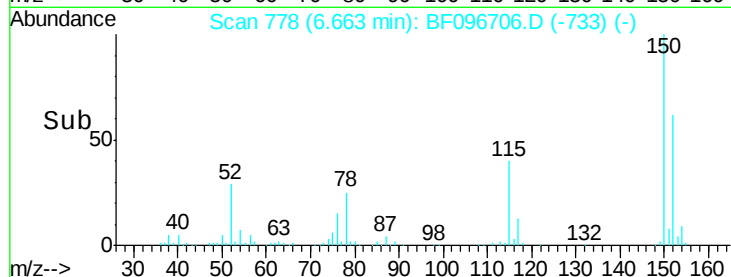
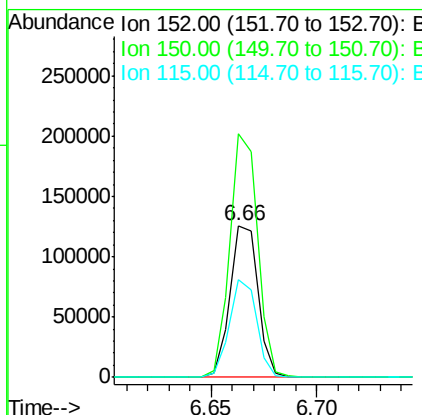
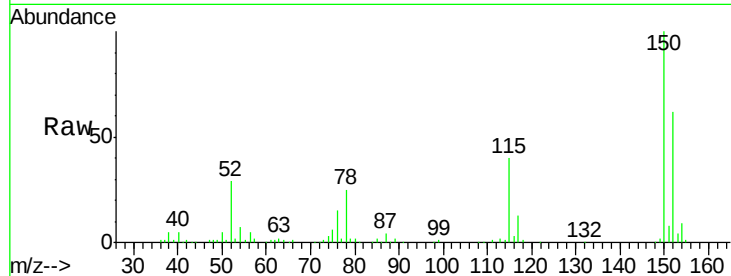


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF096706.D
Acq: 12 Jul 2017 21:59

Instrument :
BNA_F
ClientSampled :

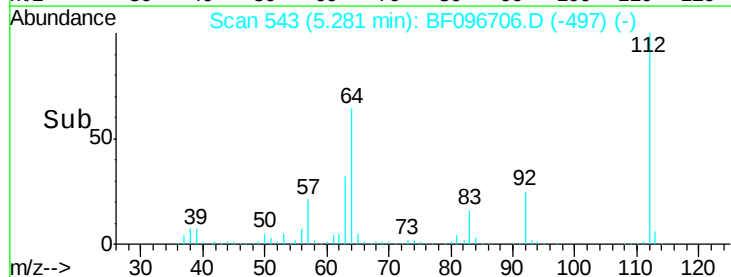
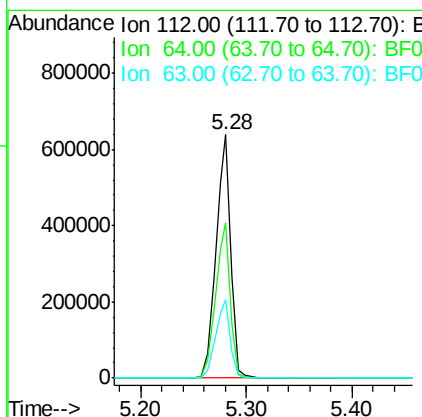
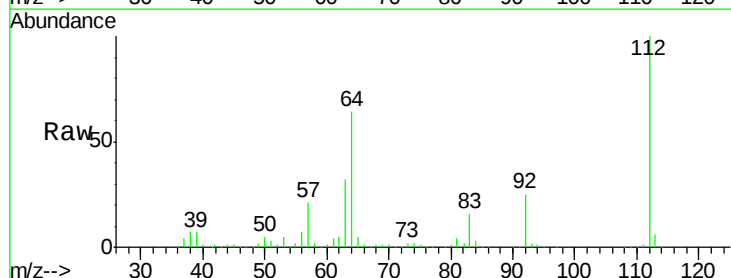
Tot Ion:152 Resp: 114330
Ion Ratio Lower Upper
152 100
150 160.5 126.2 189.2
115 64.7 52.2 78.2

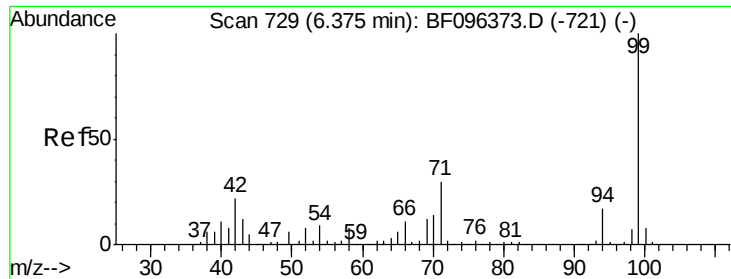


#5

2-Fluorophenol
Concen: 81.63 ng
RT: 5.28 min Scan# 543
Delta R.T. -0.03 min
Lab File: BF096706.D
Acq: 12 Jul 2017 21:59

Tgt Ion:112 Resp: 632332
Ion Ratio Lower Upper
112 100
64 63.8 46.0 69.0
63 32.2 23.4 35.0





#7

Phenol-d6

Concen: 84.15 ng

RT: 6.31 min Scan# 718

Delta R.T. -0.04 min

Lab File: BF096706.D

Acq: 12 Jul 2017 21:59

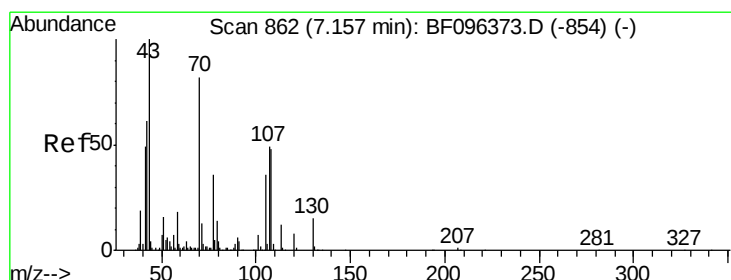
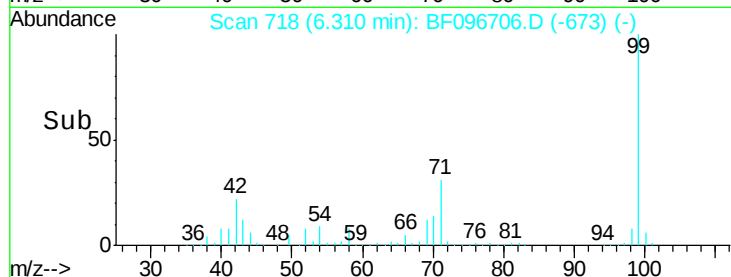
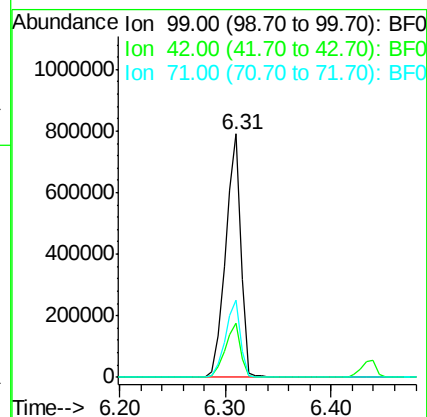
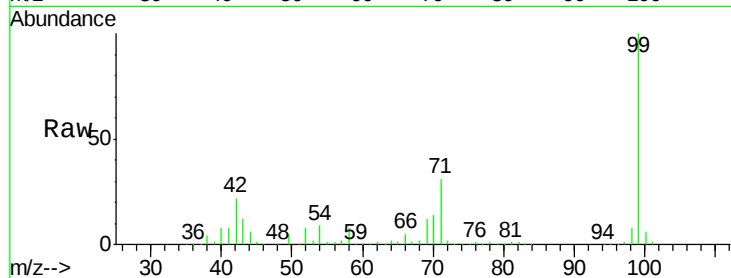
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 801383

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	31.5	24.5	36.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.42 ng

RT: 7.23 min Scan# 874

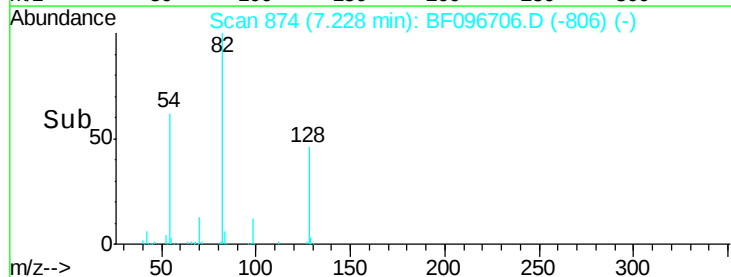
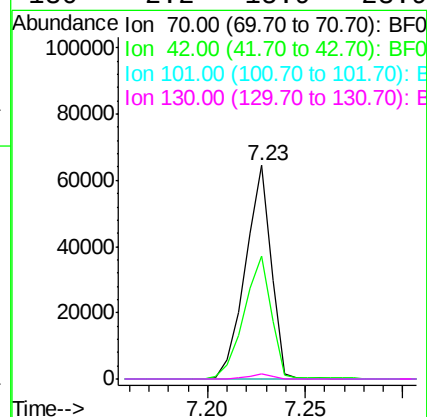
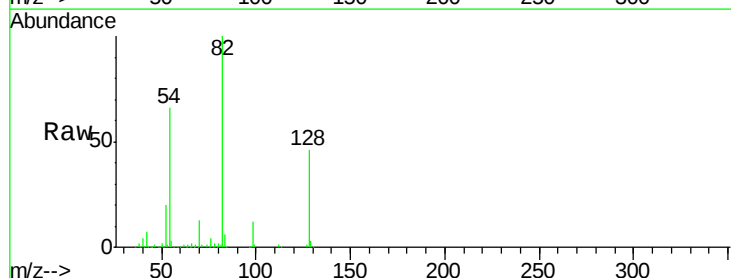
Delta R.T. 0.10 min

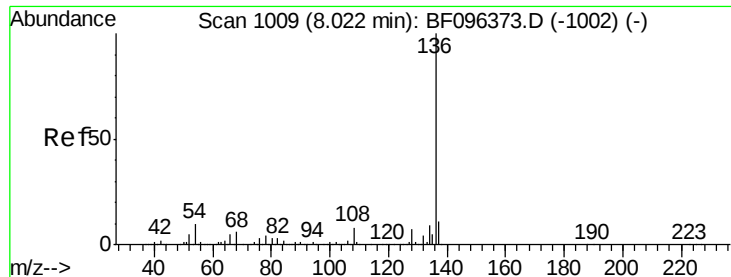
Lab File: BF096706.D

Acq: 12 Jul 2017 21:59

Tgt Ion: 70 Resp: 59110

Ion	Ratio	Lower	Upper
70	100		
42	57.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.2	15.9	23.9#

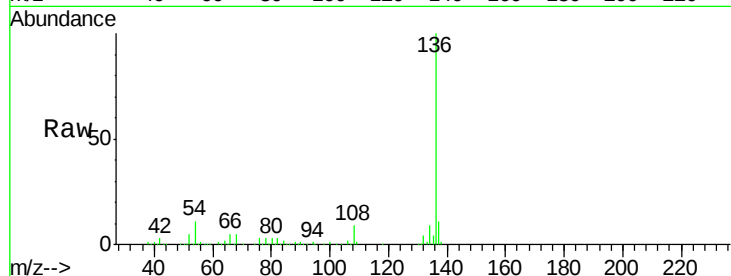




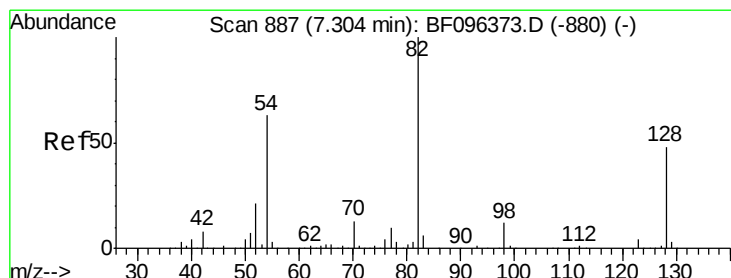
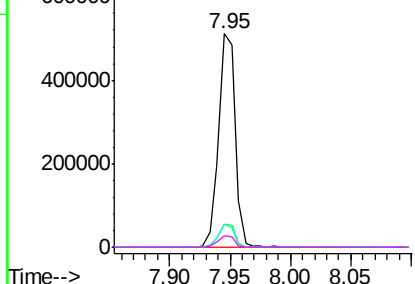
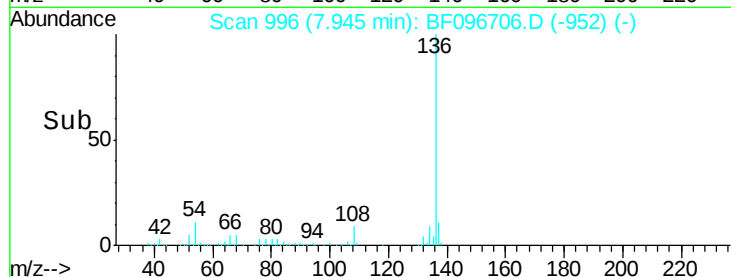
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.04 min
Lab File: BF096706.D
Acq: 12 Jul 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	482645
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.5 12.7
54	10.9	4.9 7.3#
68	5.5	4.1 6.1

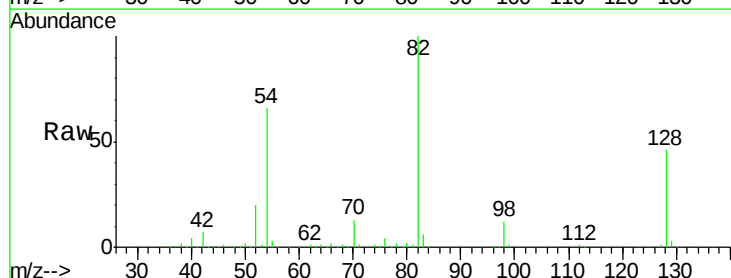


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

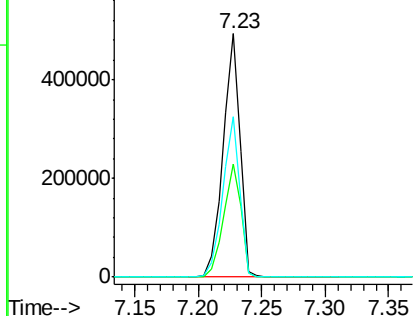
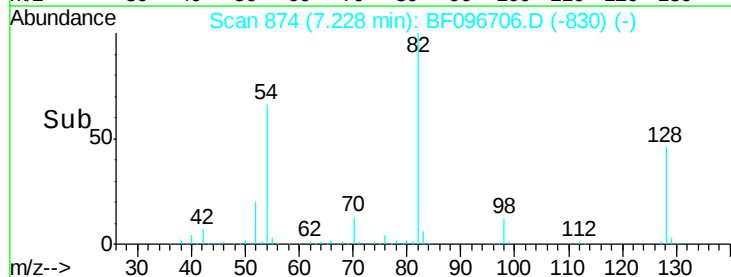


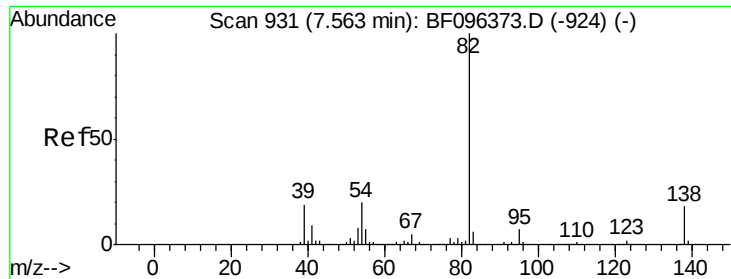
#23
Nitrobenzene-d5
Concen: 57.48 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.04 min
Lab File: BF096706.D
Acq: 12 Jul 2017 21:59

Tgt Ion: 82	Resp:	461685
Ion Ratio	Lower	Upper
82	100	
128	46.3	34.0 51.0
54	65.9	42.2 63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.37 ng

RT: 7.23 min Scan# 874

Delta R.T. -0.30 min

Lab File: BF096706.D

Acq: 12 Jul 2017 21:59

Instrument :

BNA_F

ClientSampled :

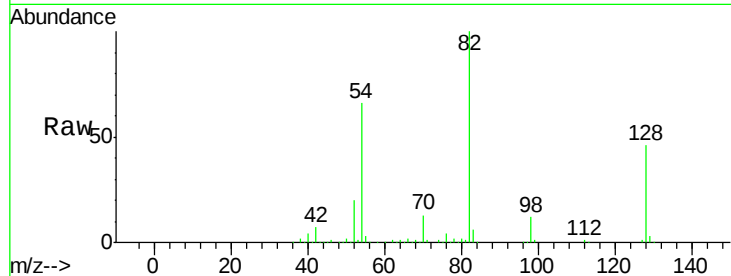
Tot Ion: 82 Resp: 457388

Ion Ratio Lower Upper

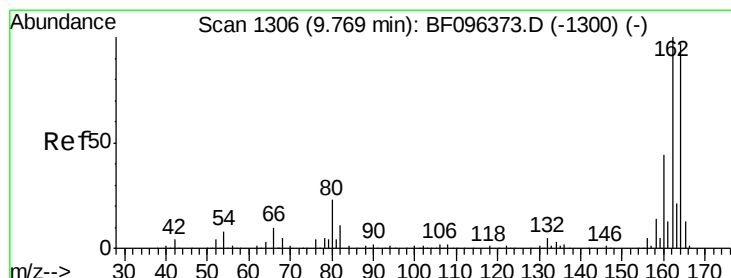
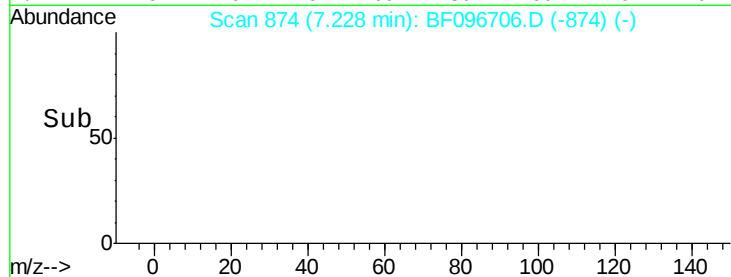
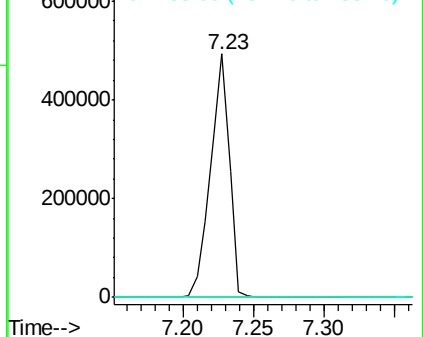
82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.04 min

Lab File: BF096706.D

Acq: 12 Jul 2017 21:59

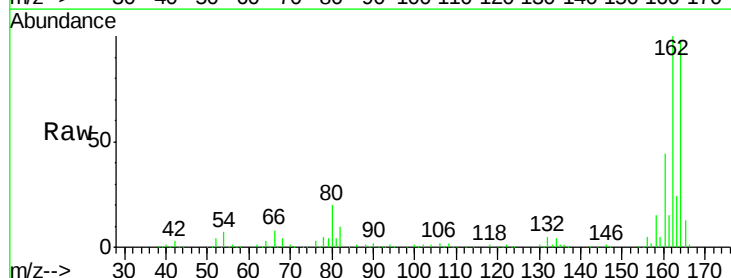
Tgt Ion: 164 Resp: 196506

Ion Ratio Lower Upper

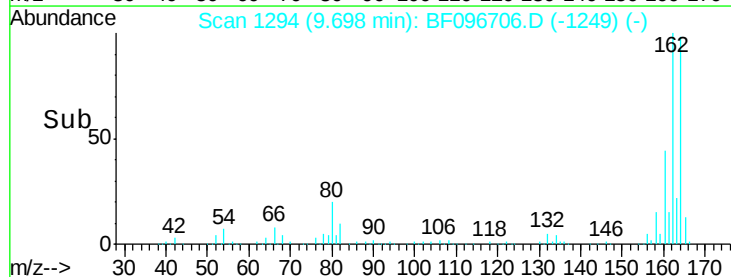
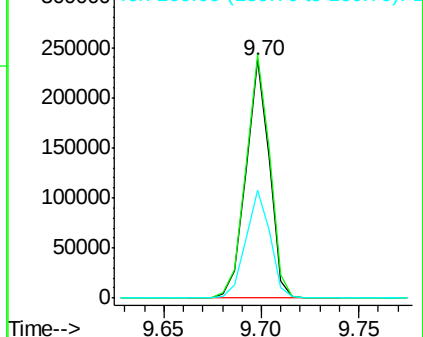
164 100

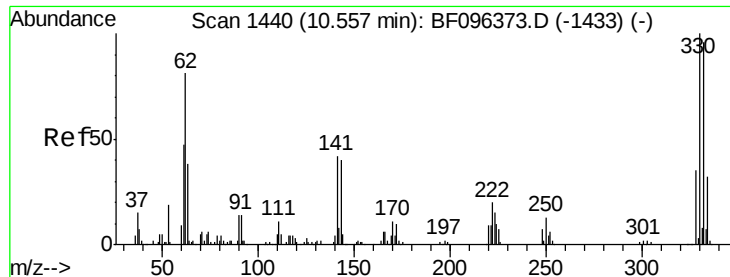
162 102.3 82.6 123.8

160 45.5 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

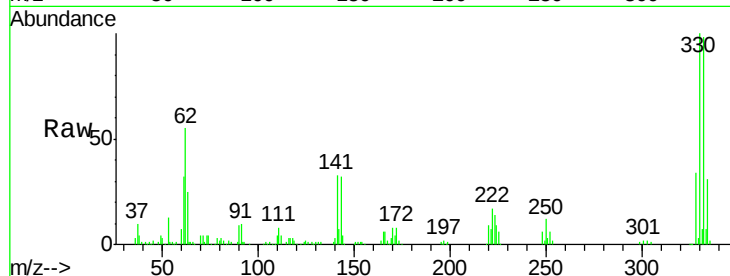




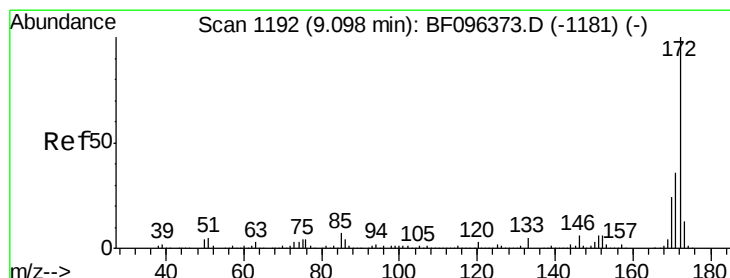
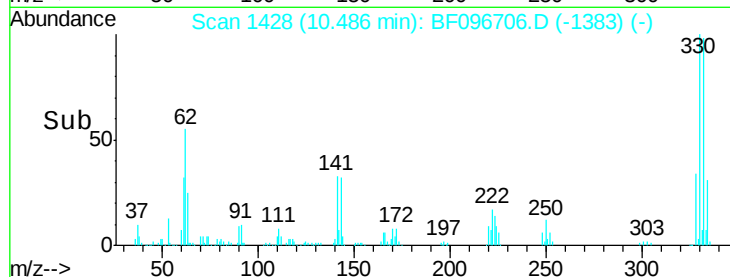
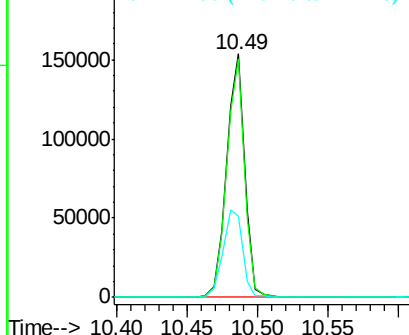
#41
 2,4,6-Tribromophenol
 Concen: 89.49 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.04 min
 Lab File: BF096706.D
 Acq: 12 Jul 2017 21:59

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	38.8	31.4	47.2

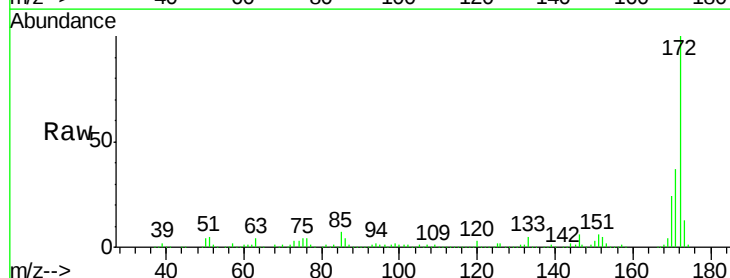


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

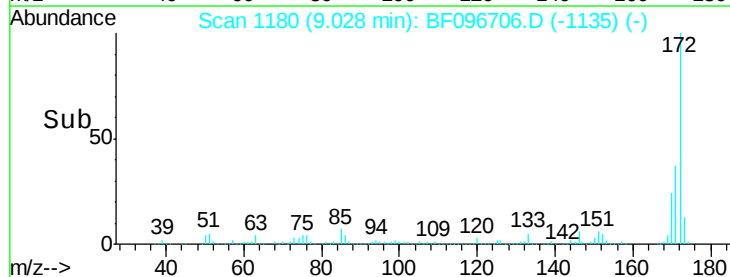
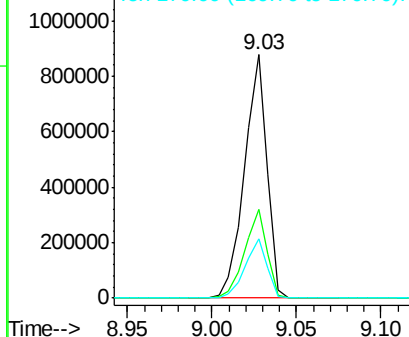


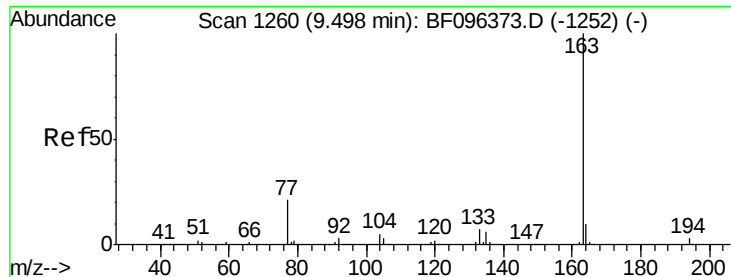
#44
 2-Fluorobiphenyl
 Concen: 71.18 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. -0.04 min
 Lab File: BF096706.D
 Acq: 12 Jul 2017 21:59

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.6	44.4
170	24.2	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

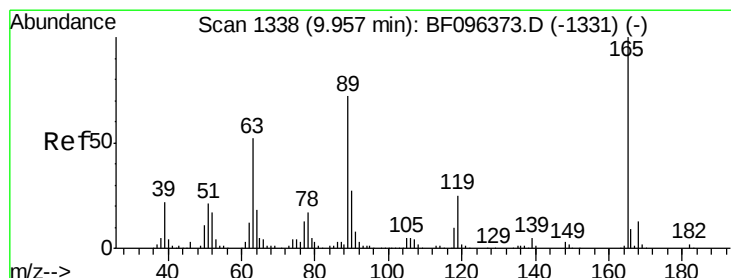
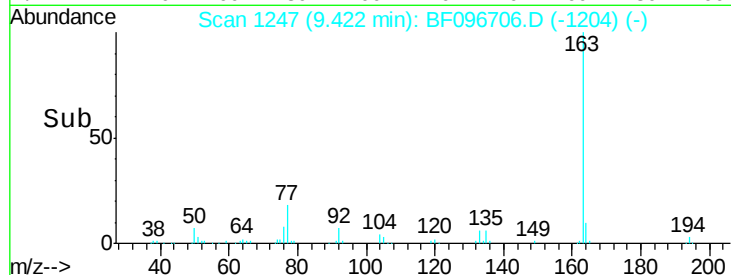
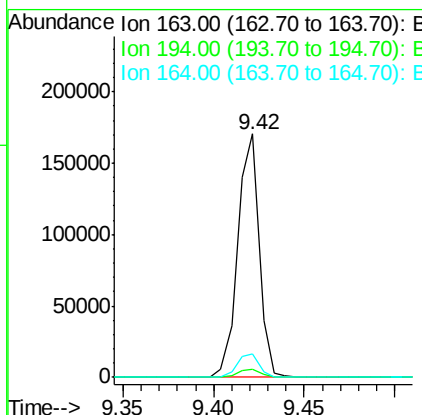
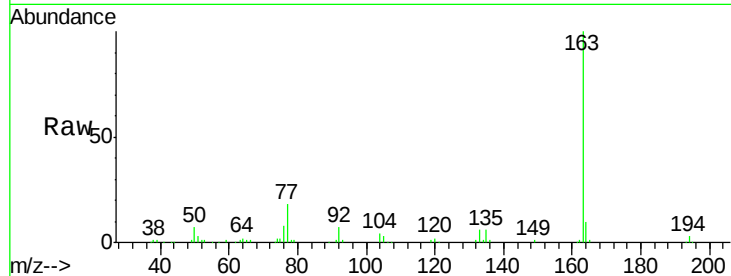




#49
 Dimethylphthalate
 Concen: 9.56 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.05 min
 Lab File: BF096706.D
 Acq: 12 Jul 2017 21:59

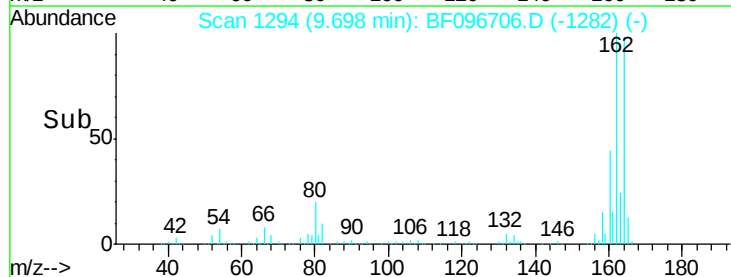
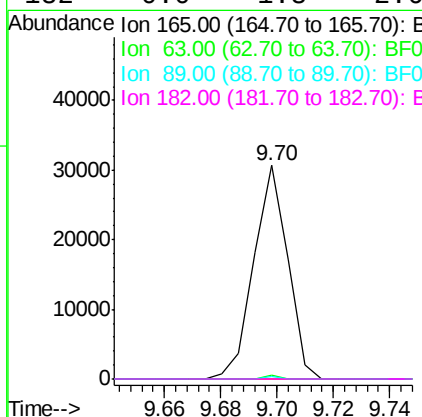
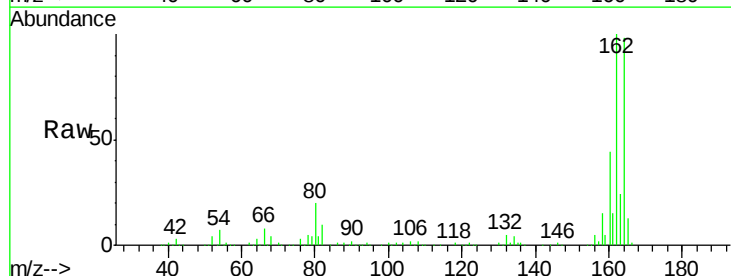
Instrument :
 BNA_F
 ClientSampleId :

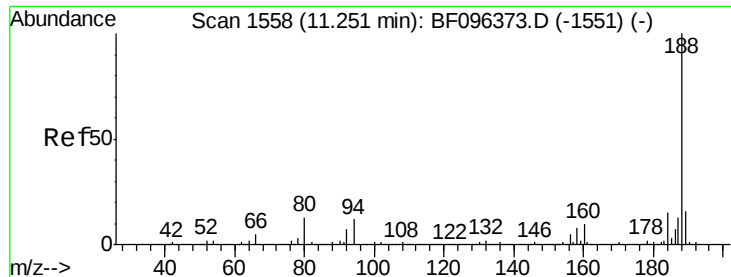
Tot Ion:163	Resp:	140301
Ion Ratio	Lower	Upper
163	100	
194	3.5	2.6 4.0
164	9.8	8.4 12.6



#56
 2,4-Dinitrotoluene
 Concen: 6.22 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.23 min
 Lab File: BF096706.D
 Acq: 12 Jul 2017 21:59

Tgt Ion:165	Resp:	25564
Ion Ratio	Lower	Upper
165	100	
63	1.8	25.4 38.0#
89	1.3	46.4 69.6#
182	0.0	1.8 2.6#





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.17 min Scan# 1545

Delta R.T. -0.04 min

Lab File: BF096706.D

Acq: 12 Jul 2017 21:59

Instrument :

BNA_F

ClientSampleId :

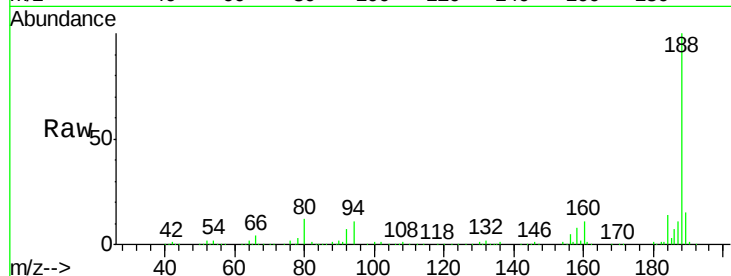
Tot Ion:188 Resp: 253277

Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.2
80	11.8	10.2	15.2

188 100

94 11.3 9.4 14.2

80 11.8 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

400000

300000

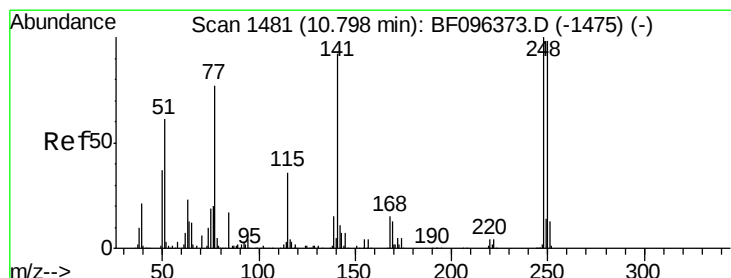
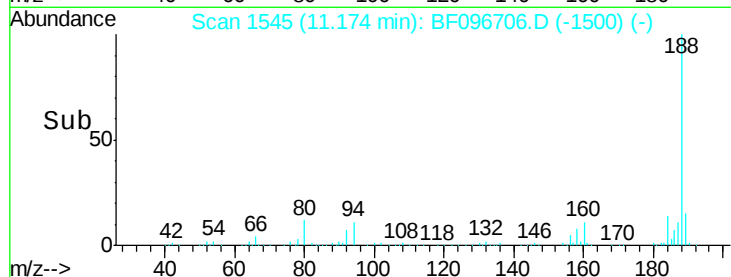
200000

100000

0

11.17

Time-->



#66

4-Bromophenyl-phenylether

Concen: 3.51 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.28 min

Lab File: BF096706.D

Acq: 12 Jul 2017 21:59

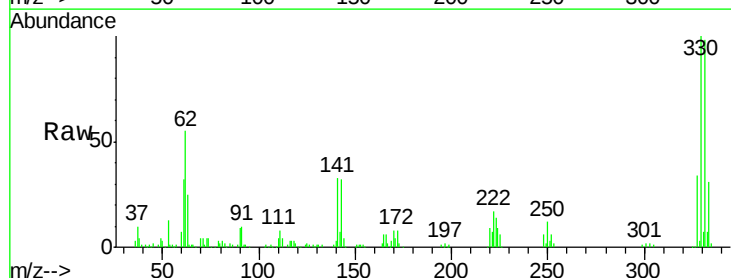
Tgt Ion:248 Resp: 8650

Ion	Ratio	Lower	Upper
248	100		
250	207.7	76.8	115.2#
141	562.5	68.6	103.0#

248 100

250 207.7 76.8 115.2#

141 562.5 68.6 103.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

60000

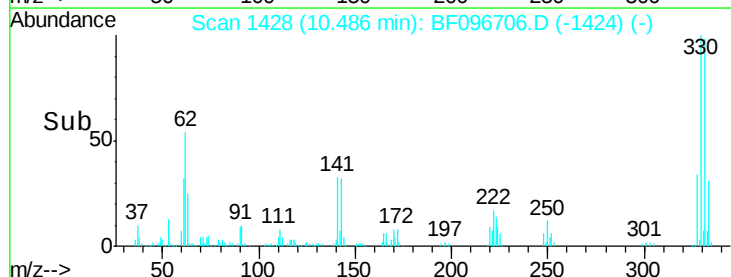
40000

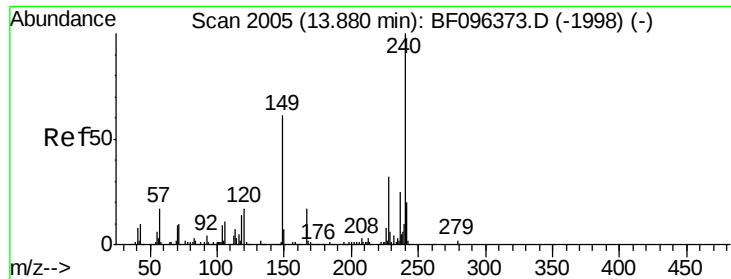
20000

0

10.49

Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.04 min

Lab File: BF096706.D

Acq: 12 Jul 2017 21:59

Instrument :

BNA_F

ClientSampled :

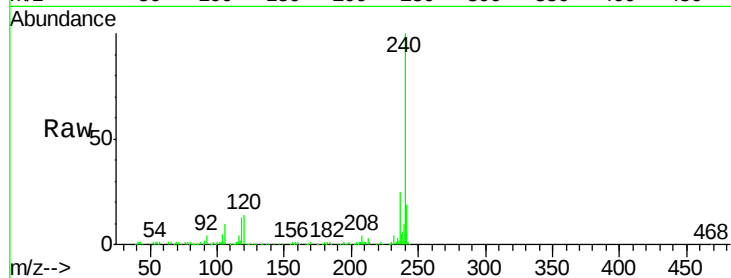
Tot Ion:240 Resp: 187993

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

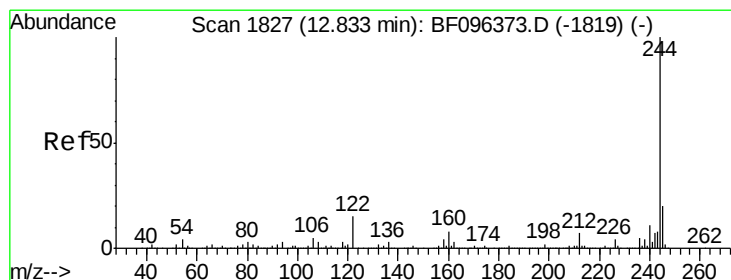
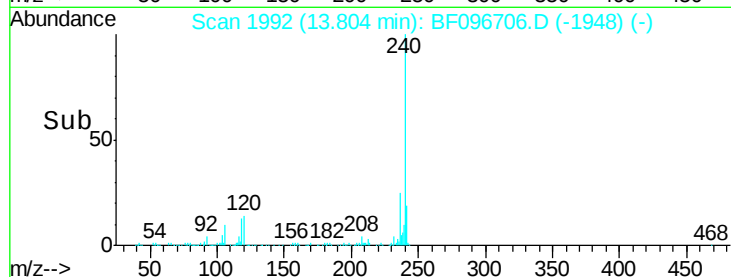
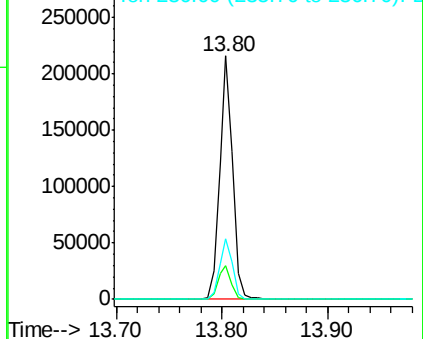
236 24.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 54.47 ng

RT: 12.76 min Scan# 1815

Delta R.T. -0.04 min

Lab File: BF096706.D

Acq: 12 Jul 2017 21:59

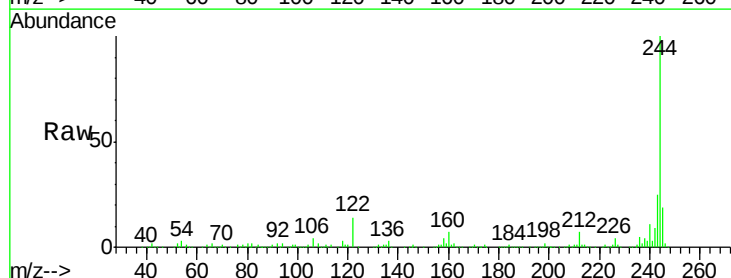
Tgt Ion:244 Resp: 479229

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

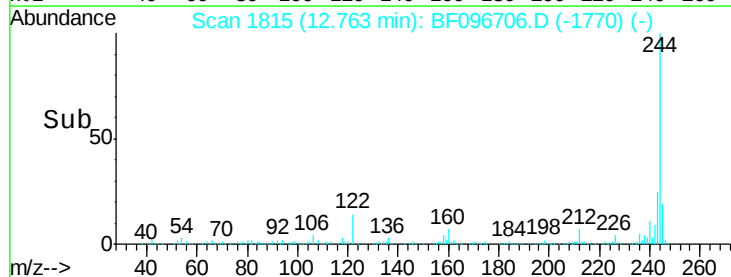
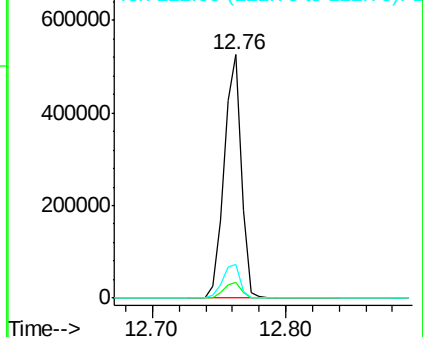
122 13.6 10.3 15.5

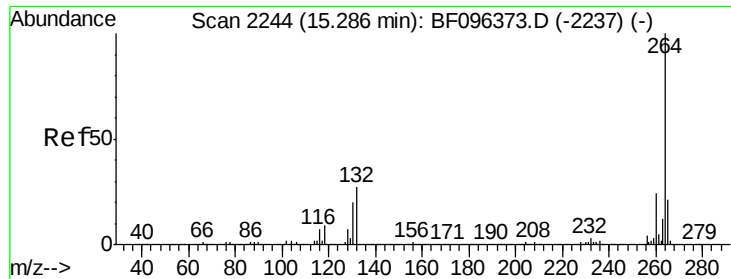


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

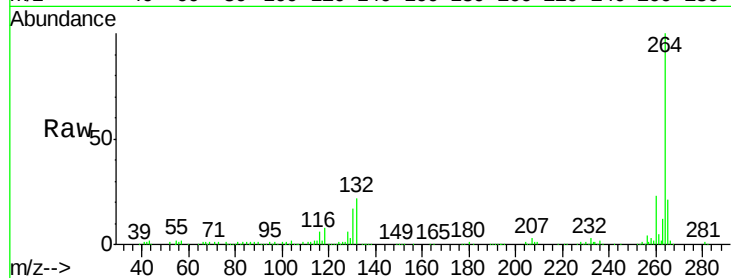




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 2229
Delta R.T. -0.05 min
Lab File: BF096706.D
Acq: 12 Jul 2017 21:59

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.5	29.3
265	20.6	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

